

Apple III

System Utilities

...An Introduction

Exercise Booklet



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Simultaneously published in the U.S.A. and Canada

Exercise Booklet

This Exercise booklet describes the operations of the System Utilities disk in a real-life context. By understanding when you would use the System Utilities disk, its value becomes more apparent.

Accompanying the booklet is a Sample Files disk on which we have stored some file names. Use this disk to practice the exercises.

Each exercise is independent of the others; therefore you may do them in any order. We suggest, however, that you do the exercise Copy a Volume and copy the Sample Files disk first. Later you can practice changing or deleting information from the copy without disturbing the contents of the Sample Files disk (in case you want to use Sample Files again).

Before you begin the exercises, you will need the following materials:

- The System Utilities Instruction book.
- 2 disks whose contents you don't mind erasing. (If you are using a ProFile disk drive, 1 extra disk will be enough.)
- The System Utilities Program disk.
- The Sample Files disk.

The exercises can be performed with the following equipment:

- An Apple /// Computer with a minimum of 128K of memory.
- A video display.
- An external flexible disk drive (optional).
- A ProFile rigid disk drive (optional, the profile driver must be configured onto the System Utilities Program disk).
- A printer (optional).

Copy a Volume

The Setting

You have stored some very important files on a disk. It would be close to disastrous if you lost or damaged the disk containing those files. You always make photocopies of your important papers, and you want to do the same thing with your computer files.

The Exercise

Following the instructions in the Instruction book:

1. Copy the volume labeled Sample Files onto another volume with the new name "SAMPLE.BAC".
2. List the contents of the new volume to see that the copy was indeed successful.

Format a Volume

The Setting

You have just purchased a box of new disks. You don't know when you will need them, but you do know that if you want to store original files the disks must be formatted.

The Exercise

Following the instructions in the Instruction book:

1. Format a volume.

Rename a Volume

The Setting

When you formatted the disk you are using, you accepted the name that the program assigned the volume—"BLANK30". You have now stored 5 chapters of your latest best-seller on this disk and would like the volume name to describe the contents.

The Exercise

Following the instructions in the Instruction book:

1. Rename the copy of Sample Files to: (your first name).book.

Example: Jeffs.book

Copy Selected Files

The Setting

You know an associate who would like to use a model that you created with your VisiCalc /// package. Instead of explaining the model, you offer to make a copy of the one you have already created.

The Exercise

Following the instructions in the Instruction book:

1. Copy the file "Project.model" from the Sample Files volume onto another volume.
2. List the contents of the new volume to verify that you have successfully copied the file.

Delete Selected Files

The Setting

You have been using the Apple /// for quite some time and have saved many files onto a volume. Time has passed and some files are no longer needed. To make room on the volume for newer files, you want to delete some of the old ones.

The Exercise

Following the instructions in the Instruction book:

1. Delete from the copy of "Sample Files" the files named:

papersaver
profits.nov

2. List the contents of the volume to verify that the files are deleted.

Edit Driver Parameters

The Setting

You have recently purchased a Silentype printer and you want to print out the memo you just created with your Apple Writer III. You are aware that you must have a silentype driver on your program disk and that it must be active. You want to check the drivers you have and modify them if necessary.

The Exercise

Following the instructions in the Instruction book:

1. Examine the driver file on the copy of Sample Files and make changes if necessary in order to activate your silentype driver.
2. Generate the new system to a blank formatted disk.
(NOTE: Although you can generate the new system to a blank disk now, generally you would save the new driver file to a program disk.)

(HINT: Read the driver file from the copy and, if necessary, edit the silentype driver parameter and generate that new system.)

Change System Parameters

The Setting

You own a ProFile disk drive and have configured all your program disks with the profile driver. A friend of yours also purchased a ProFile but failed to receive the disk with the driver. You offer to create a disk with just that driver on it. In addition, you offer to help configure the system for the new ProFile. You realize, however, that your ProFile card is placed in slot 1 on your computer, and your friend will want to place the card in slot 4. This means that you will need SCP to change the system parameters.

The Exercise

Following the instructions in the Instruction book:

1. Create a disk with only the profile driver on it.
2. Change the system parameters of the profile driver from slot 1 to slot 4 then generate the new system to a blank formatted disk. (NOTE: Although you can generate the new system to a blank disk now, generally you would save the new driver file to a program disk.)

(HINT: Read the driver file from the copy of Sample Files and delete all but the profile driver. Then follow the instructions for changing system parameters to change the slot number from 1 to 4 and generate the new system.)



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